

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S129	528	S128 and @ad<"20000922"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/21 12:06
S120	20	S119 and @ad<"20000922"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/21 12:05
S128	1603	PCS with frequency with cellular	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/21 12:04
S127	6	turunen and matti and sms	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/20 15:14
S126	153	S125 and @ad<"20000922"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/20 12:23
S125	500	PCS with cellular with differen\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/20 12:23
S124	3314	S123 and @ad<"20000922"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/20 12:23
S121	26	PCS with cellular with account	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/20 12:23

## EAST Search History

S12 3	11188	PCS with cellular	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/20 12:22
S12 2	6	S121 and @ad<"20000922"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/20 12:22
S32	28	S30 and @ad<"20000922"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/19 16:56
S11 9	67	home same ((PIN Password)) same (authenticat\$3 authoriz\$3) same (visit\$3 foreign) same network\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/19 16:55
S11 8	2	home same (issu\$3 with (PIN Password)) same (authenticat\$3 authoriz\$3) same (visit\$3 foreign) same network\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/19 16:55
S11 7	12	("6542583" "6615057" "6363151" "6430407" "5991407" "6477644"). pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/19 16:52
S11 5	64	S114 and @ad<"20000922"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/19 15:51
S11 6	7	RAND with (SMS)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/19 14:21
S11 4	210	(home same visit\$3 same network) and ((send\$3 transmit\$4) with (PIN password))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/19 10:38

## EAST Search History

S10 9	10	S107 and @ad<"20000922"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/19 10:38
S11 3	19	(home same visit\$3 same network) and (authoriz\$5 same (PIN password) same (sms short\$1messag\$4service))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/19 10:37
S11 2	10	S111 and @ad<"20000922"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/18 18:27
S11 1	94	(short\$1messag\$3service sms) same (PPP)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/18 18:27
S11 0	3	(short\$1messag\$3service) same (PIN password secret code)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/18 18:27
S10 6	0	S104 and (short\$1messag\$3service) same (PIN password secret code)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/18 18:26
S10 8	1	S107 and @pd<"20000922"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/18 18:22
S10 7	76	sms same (PIN password secret code) same roam\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/18 18:21
S10 5	23	S104 and sms same (PIN password secret code)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/18 18:21

## EAST Search History

S29	58	S28 and @pd<"20000922"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/18 18:21
S10 4	899	455/432.1.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/18 17:53
S10 3	2	"20030224789"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/18 17:53
S10 2	2	"20020173306"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/18 17:53
S10 1	33	S100 and @ad<"20000922"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/18 17:47
S10 0	96	roam\$3 with (password PIN) and mobile	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/18 12:15
S99	2	"20040029580"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/15 17:08
S98	2	"20020037708"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/25 13:13
S97	2	S96 and card same button same PIN	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/04 13:15

## EAST Search History

S96	1429	rahman.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/04 13:15
S95	70	S94 and @ad<"20000922"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/03 16:12
S94	201	S93 and authentication	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/03 16:12
S93	715	455/432.1.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/03 16:11
S92	90	726/8.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/03 16:10
S91	186	713/184.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/03 15:54
S90	4	S89 and @pd<"20000922"	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/18 09:32
S89	126	((automat\$6) SAME (setting\$1 PIN password id) SAME (transfer\$3 transmit\$3 receiv\$3 pass\$3) SAME (phone mobile device portable) SAME (browser))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/18 09:32
S88	1398	S87 and @pd<"20000922"	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/18 09:32
S87	2467	((automat\$6) SAME (setting\$1 PIN password id) SAME (transfer\$3 transmit\$3 receiv\$3 pass\$3) SAME (phone mobile device portable) SAME (computer browser))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/18 09:32
S86	1	S84 and @pd<"20000922"	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/18 09:31

## EAST Search History

S83	1214	(automat\$6 near2 (settings PIN password id)) with (transfer\$3 transmit\$3 receiv\$3 pass\$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/18 09:28
S85	810	S83 and @pd<"20000922"	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/18 09:26
S84	47	S83 and (phone and browser)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/18 09:23
S82	5	(authentication with (internet network lan wan)) with ((PIN personal adj identification adj number) AND browser)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/17 19:17
S81	3	(authentication same (internet network lan wan)) with ((PIN personal adj identification adj number) AND browser)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/17 19:17
S80	3	S75 and @ad<"20000922"	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/17 19:12
S79	1	S75 and @ad<"20000122"	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/17 17:53
S78	1	S75 and @ad<"19990922"	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/17 17:53
S77	0	S75 and @ad<"1999922"	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/17 17:51
S76	0	S75 and @pd<"20000922"	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/17 17:51
S75	90	((pin and browser)) with ((mobile cellular portable))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/17 17:50
S73	0	S72 and @pd<"20000922"	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/17 17:50
S72	15	((pin with access with browser)) and ((mobile cellular portable))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/17 17:49
S74	5	S72 and @ad<"20000922"	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/17 17:44
S71	5	S70 and @pd<"20000922"	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/17 17:44

## EAST Search History

S70	401	((pin) and ((mobile cellular portable) with browser))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/17 17:43
S69	1258	((pin password) and ((mobile cellular portable) with browser))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/17 17:41
S68	34	S65 and @pd<"20000922"	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/17 17:41
S65	1932	((pin password id) and ((mobile cellular portable) with browser))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/17 17:41
S66	248	S65 and @ad<"20000922"	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/17 17:40
S67	222	S66 and ((internet network server) with (permission access))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/17 17:39
S64	4	S63 and @ad<"20000922"	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/17 17:38
S63	59	((pin password id) with ((mobile cellular portable) with browser))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/17 17:38
S62	2	S61 and @ad<"20000922"	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/17 17:36
S61	32	((pin password) with ((mobile cellular portable) with browser)) and access	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/17 17:35
S58	20	S57 and @ad<"20000922"	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/17 17:24
S60	16	((pin password) with ((mobile cellular portable) near3 browser)) and access	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/17 17:23
S59	5	((pin password) with ((mobile cellular portable) near3 browser)) with access	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/17 17:06
S57	112	((browser same pin) same (access accessing)) and ((mobile roaming wireless cell\$4) and (internet))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/17 16:56
S56	2	((browser with pin) same ((mobile roaming wireless cell\$4) and (internet)))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/17 15:27

## EAST Search History

S55	1	((browser with pin) same ((mobile roaming wireless) with (internet)))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/17 15:26
S54	1	((browser with pin) same ((mobile roaming wireless) with (access near4 internet)))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/17 15:26
S53	4	S52 and browser	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/17 15:21
S52	18	("20020191575"   "20030051041"   "5708655"   "5898780"   "5905736"   "5956391"   "6104711"   "6195705"   "6240091"   "6250557"   "6366893"   "6466571"   "6484211"   "6519252"   "6535493"   "6542497"   "6567664"   "6614774").PN. OR ("6804720").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/17 15:03
S50	18	("20020191575"   "20030051041"   "5708655"   "5898780"   "5905736"   "5956391"   "6104711"   "6195705"   "6240091"   "6250557"   "6366893"   "6466571"   "6484211"   "6519252"   "6535493"   "6542497"   "6567664"   "6614774").PN. OR ("6804720").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/17 15:03
S51	1	"6804720".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/17 15:02
S47	33	S46 and internet	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/17 15:01
S49	0	("2002/0143990").URPN.	USPAT	OR	OFF	2005/03/17 13:29
S48	0	("2002/0143990").URPN.	USPAT	OR	OFF	2005/03/17 13:28
S46	452	turunen	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/17 13:25
S45	1	"5724578".pn.	USPAT	OR	OFF	2005/03/14 15:19
S44	0	("2002/0037708").URPN.	USPAT	OR	OFF	2005/03/14 15:19
S42	2	MCCANN STEPHEN HANCOCK ROBERT MAY JOHN HOOK MICHAEL	US-PGPUB; USPAT; USOCR	AND	OFF	2005/03/14 12:15
S43	0	("2002/0037708").URPN.	USPAT	OR	OFF	2005/03/14 12:14



## EAST Search History

S41	0	MCCANN STEPHEN HANCOCK ROBERT MAY JOHNH HOOK MICHAEL	US-PGPUB; USPAT; USOCR	AND	OFF	2005/03/14 12:13
S40	61	S33 and browser	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/14 12:12
S39	663	380/270	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/14 12:01
S38	24	pin and browser with (SMS short adj messag\$3 adj service)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/14 11:59
S37	4	S36 and (pin with (SMS short adj messaging adj service))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/14 11:50
S36	1956	455/432	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/14 11:40
S35	0	455/432.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/14 11:38
S34	1956	455/432	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/14 11:38
S33	388	713/183	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/14 11:37
S17	259	713/184	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/14 11:36
S31	1	S30 and @pd<"20000922"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/14 11:21
S30	263	((mobile cellular) near2 browser) and authentication	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/14 11:20
S28	112	S24 and browser	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/14 11:16

## EAST Search History

S27	58503	browser	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/14 11:15
S24	587	S18 S19 S20 S21 S22 S23	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/14 11:15
S26	4	hansen and hekkanen	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/14 11:02
S25	0	S24 and mobile adj roaming	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/14 11:02
S23	99	("6195677" "6226030" "6226030" "6246678" "6345300" "6353831" "6362836" "6393569" "6507837" "6708172" "6845102" "6185567" "6269361" "5737534" "5745884" "5379342" "5559946" "5649001" "5721852" "5771354" "5815683" "5828836" "5864865" "5901228" "6014651" "6119944" "6144638" "6182111" "6230287" "6324183" "6327579" "6389028" "6411943" "6418136" "6476927" "5247575" "5930258" "5274810" "5867483" "5999966" "6243385" "4782482" "5210789" "5394469" "5564120" "5610920" "5692141" "5732268" "5751795" "5903302").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/14 10:39

## EAST Search History

S22	101	( "5633934" "5638448" "5680547" "5689566" "5694595" "5787177" "5919257" "5974149" "5974463" "5991807" "6035405" "6058426" "6092113" "6104716" "6131120" "6154839" "6182080" "6189104" "6192405" "6237023" "6249527" "6256737" "6272538" "6304973" "6307837" "6317838" "6327662" "6397336" "6662198" "6715083" "6760768" "6785819" "5563931" "5826185" "6039624" "6188677" "6047268" "5457813" "5757925" "5784564" "5877759" "5923736" "5933829" "6037928" "6108656" "5761499" "5864853" "5974449" "6049821" "6157618").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/14 10:39
S21	97	( "5740096" "5781584" "5841315" "5872466" "5949775" "5978672" "6031830" "6108709" "6301474" "6314284" "6112240" "5574979" "5684860" "5696903" "6477644" "6729929" "6253326" "6330444" "6343318" "6397259" "6067456" "6473097" "6473609" "5999811" "6459362" "5689638" "5745702" "5764887" "5764890" "5802178" "5828832" "5832228" "5864665" "5889953" "5983353" "6021495" "6067620" "6145083" "4930159" "5276735" "5444850" "5454078" "5499297" "5502766" "5509027" "5513210" "5583866" "5594921" "5604490" "5611048").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/14 10:39
S20	99	( "5239673" "5490139" "5515366" "5530703" "5560021" "5636220" "5638378" "5724346" "5757783" "5781542" "5790800" "5857201" "5917865" "5933420" "5970062" "5983282" "6006090" "6079022" "6175918" "6201962" "6208629" "6298060" "6424818" "6441770" "6470332" "6493751" "6577609" "6615276" "6629642" "6725044" "6035039" "5404580" "5551073" "5557676" "5751798" "6038440" "6049712" "6466780" "6725056" "6434379" "6035324" "6519241" "6104929" "5602843" "5625877" "5848064" "6078820" "6125281" "5450616" "5467341").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/14 10:39

## EAST Search History

S19	97	("6246883" "6317594" "6396828" "6600734" "6654616" "6744753" "6747692" "6842460" "5887251" "6141336" "6629143" "5963952" "5931873" "6735187" "6535518" "6202158" "6334121" "5930801" "5812776" "5941944" "5968119" "5991760" "6047313" "6061715" "6061715" "6081837" "6094662" "6105028" "6122661" "6199111" "6209030" "6353448" "6466981" "6118768" "6028848" "6029203" "6052803" "6108330" "6636894" "5446740" "5568489" "5724574" "6553020" "6671522" "5274841" "5481265" "5729220" "5915224" "6201484" "5212806").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/14 10:39
S18	97	("6484211" "5953005" "5621798" "6272129" "6539237" "6807431" "6336137" "5581594" "6272338" "6272341" "6278861" "6411806" "6477370" "5708780" "6205480" "6023724" "6094659" "6427149" "5920865" "6151628" "6233616" "6530025" "6662005" "6772331" "5802465" "6167248" "6687243" "6185625" "6070184" "6282281" "6466570" "6065120" "6233608" "5613198" "5771353" "5881232" "4807222" "5373503" "5515509" "5682256" "5734646" "5822309" "5867131" "5884324" "6023461" "6069883" "6088335" "6134432" "6178331" "6181935").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/14 10:39
S1	97	("6484211" "5953005" "5621798" "6272129" "6539237" "6807431" "6336137" "5581594" "6272338" "6272341" "6278861" "6411806" "6477370" "5708780" "6205480" "6023724" "6094659" "6427149" "5920865" "6151628" "6233616" "6530025" "6662005" "6772331" "5802465" "6167248" "6687243" "6185625" "6070184" "6282281" "6466570" "6065120" "6233608" "5613198" "5771353" "5881232" "4807222" "5373503" "5515509" "5682256" "5734646" "5822309" "5867131" "5884324" "6023461" "6069883" "6088335" "6134432" "6178331" "6181935").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/14 10:37

## EAST Search History

S16	15	("5884024"   "5922049"   "6032260"   "6061346"   "6061796"   "6092196"   "6137885"   "6226751"   "6339830"   "6367009"   "6373946"   "6407988"   "6452925"   "6463474"   "6510153").PN. OR ("6704789"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/10 16:52
S15	2	"6704789".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/10 16:27
S14	2	"09303423"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/10 16:27
S12	99	("6195677" "6226030" "6226030" "6246678" "6345300" "6353831" "6362836" "6393569" "6507837" "6708172" "6845102" "6185567" "6269361" "5737534" "5745884" "5379342" "5559946" "5649001" "5721852" "5771354" "5815683" "5828836" "5864865" "5901228" "6014651" "6119944" "6144638" "6182111" "6230287" "6324183" "6327579" "6389028" "6411943" "6418136" "6476927" "5247575" "5930258" "5274810" "5867483" "5999966" "6243385" "4782482" "5210789" "5394469" "5564120" "5610920" "5692141" "5732268" "5751795" "5903302").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/10 16:09

## EAST Search History

S11	101	( "5633934" "5638448" "5680547" "5689566" "5694595" "5787177" "5919257" "5974149" "5974463" "5991807" "6035405" "6058426" "6092113" "6104716" "6131120" "6154839" "6182080" "6189104" "6192405" "6237023" "6249527" "6256737" "6272538" "6304973" "6307837" "6317838" "6327662" "6397336" "6662198" "6715083" "6760768" "6785819" "5563931" "5826185" "6039624" "6188677" "6047268" "5457813" "5757925" "5784564" "5877759" "5923736" "5933829" "6037928" "6108656" "5761499" "5864853" "5974449" "6049821" "6157618").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/10 16:09
S10	97	( "5740096" "5781584" "5841315" "5872466" "5949775" "5978672" "6031830" "6108709" "6301474" "6314284" "6112240" "5574979" "5684860" "5696903" "6477644" "6729929" "6253326" "6330444" "6343318" "6397259" "6067456" "6473097" "6473609" "5999811" "6459362" "5689638" "5745702" "5764887" "5764890" "5802178" "5828832" "5832228" "5864665" "5889953" "5983353" "6021495" "6067620" "6145083" "4930159" "5276735" "5444850" "5454078" "5499297" "5502766" "5509027" "5513210" "5583866" "5594921" "5604490" "5611048").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/10 16:09
S9	99	( "5239673" "5490139" "5515366" "5530703" "5560021" "5636220" "5638378" "5724346" "5757783" "5781542" "5790800" "5857201" "5917865" "5933420" "5970062" "5983282" "6006090" "6079022" "6175918" "6201962" "6208629" "6298060" "6424818" "6441770" "6470332" "6493751" "6577609" "6615276" "6629642" "6725044" "6035039" "5404580" "5551073" "5557676" "5751798" "6038440" "6049712" "6466780" "6725056" "6434379" "6035324" "6519241" "6104929" "5602843" "5625877" "5848064" "6078820" "6125281" "5450616" "5467341").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/10 16:09

## EAST Search History

S8	97	("6246883" "6317594" "6396828" "6600734" "6654616" "6744753" "6747692" "6842460" "5887251" "6141336" "6629143" "5963952" "5931873" "6735187" "6535518" "6202158" "6334121" "5930801" "5812776" "5941944" "5968119" "5991760" "6047313" "6061715" "6061715" "6081837" "6094662" "6105028" "6122661" "6199111" "6209030" "6353448" "6466981" "6118768" "6028848" "6029203" "6052803" "6108330" "6636894" "5446740" "5568489" "5724574" "6553020" "6671522" "5274841" "5481265" "5729220" "5915224" "6201484" "5212806").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/10 16:09
S7	97	("6484211" "5953005" "5621798" "6272129" "6539237" "6807431" "6336137" "5581594" "6272338" "6272341" "6278861" "6411806" "6477370" "5708780" "6205480" "6023724" "6094659" "6427149" "5920865" "6151628" "6233616" "6530025" "6662005" "6772331" "5802465" "6167248" "6687243" "6185625" "6070184" "6282281" "6466570" "6065120" "6233608" "5613198" "5771353" "5881232" "4807222" "5373503" "5515509" "5682256" "5734646" "5822309" "5867131" "5884324" "6023461" "6069883" "6088335" "6134432" "6178331" "6181935").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/10 16:09
S6	99	("6195677" "6226030" "6226030" "6246678" "6345300" "6353831" "6362836" "6393569" "6507837" "6708172" "6845102" "6185567" "6269361" "5737534" "5745884" "5379342" "5559946" "5649001" "5721852" "5771354" "5815683" "5828836" "5864865" "5901228" "6014651" "6119944" "6144638" "6182111" "6230287" "6324183" "6327579" "6389028" "6411943" "6418136" "6476927" "5247575" "5930258" "5274810" "5867483" "5999966" "6243385" "4782482" "5210789" "5394469" "5564120" "5610920" "5692141" "5732268" "5751795" "5903302").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/10 12:08

## EAST Search History

S5	101	(("5633934" "5638448" "5680547" "5689566" "5694595" "5787177" "5919257" "5974149" "5974463" "5991807" "6035405" "6058426" "6092113" "6104716" "6131120" "6154839" "6182080" "6189104" "6192405" "6237023" "6249527" "6256737" "6272538" "6304973" "6307837" "6317838" "6327662" "6397336" "6662198" "6715083" "6760768" "6785819" "5563931" "5826185" "6039624" "6188677" "6047268" "5457813" "5757925" "5784564" "5877759" "5923736" "5933829" "6037928" "6108656" "5761499" "5864853" "5974449" "6049821" "6157618").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/10 12:08
S4	97	(("5740096" "5781584" "5841315" "5872466" "5949775" "5978672" "6031830" "6108709" "6301474" "6314284" "6112240" "5574979" "5684860" "5696903" "6477644" "6729929" "6253326" "6330444" "6343318" "6397259" "6067456" "6473097" "6473609" "5999811" "6459362" "5689638" "5745702" "5764887" "5764890" "5802178" "5828832" "5832228" "5864665" "5889953" "5983353" "6021495" "6067620" "6145083" "4930159" "5276735" "5444850" "5454078" "5499297" "5502766" "5509027" "5513210" "5583866" "5594921" "5604490" "5611048").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/10 12:08
S3	99	(("5239673" "5490139" "5515366" "5530703" "5560021" "5636220" "5638378" "5724346" "5757783" "5781542" "5790800" "5857201" "5917865" "5933420" "5970062" "5983282" "6006090" "6079022" "6175918" "6201962" "6208629" "6298060" "6424818" "6441770" "6470332" "6493751" "6577609" "6615276" "6629642" "6725044" "6035039" "5404580" "5551073" "5557676" "5751798" "6038440" "6049712" "6466780" "6725056" "6434379" "6035324" "6519241" "6104929" "5602843" "5625877" "5848064" "6078820" "6125281" "5450616" "5467341").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/10 12:07



## EAST Search History

S2	97	("6246883" "6317594" "6396828" "6600734" "6654616" "6744753" "6747692" "6842460" "5887251" "6141336" "6629143" "5963952" "5931873" "6735187" "6535518" "6202158" "6334121" "5930801" "5812776" "5941944" "5968119" "5991760" "6047313" "6061715" "6061715" "6081837" "6094662" "6105028" "6122661" "6199111" "6209030" "6353448" "6466981" "6118768" "6028848" "6029203" "6052803" "6108330" "6636894" "5446740" "5568489" "5724574" "6553020" "6671522" "5274841" "5481265" "5729220" "5915224" "6201484" "5212806").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/10 12:07
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